

TOSHIBA

Leading Innovation >>>

47ZV650U

1080p Full HD LCD TV

with ClearScan 240™

REGZA



47ZV650U 47.0" diagonal 1080p HD LCD TV with ClearScan 240™

ADVANTAGE

- 1080p Full HD CineSpeed™ Display
- NEW ClearScan 240™ with Backlight Scanning Technology
- NEW 100,000:1 Dynamic Contrast Ratio
- NEW CrystalCoat™ Contrast Enhancer
- Resolution+™[1] Super Resolution Technology
- PixelPure® 5G 14-Bit Internal Digital Video Processor
- AutoView™ Automatic Picture Adjustment
- ColorMaster™ Wide Color Enhancer
- NEW Dolby® Volume Automatically Adjusts Uneven Volume Levels
- NEW 4 HDMI™ Digital Inputs (1 Side) with InstaPort™ and REGZA-LINK®[2]
- NEW Next Gen Connectivity (USB Port, SD Card Slot, IR Pass-Through, High-Res PC Input)
- ATSC/QAM Digital Tuner for Over-the-Air and Cable-in-the-Clear Digital Tuning
- NEW Full Deep Lagoon™ Design with Invisible Speakers

PRELIMINARY

LEADING THE WAY IN HOME ENTERTAINMENT INNOVATION



47ZV650U

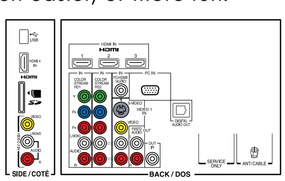
The ZV650 Series takes LCD TV to the next level of picture quality, design, and features. ClearScan 240™ raises the bar for picture clarity with fast motion video, the Deep Lagoon™ design creates a new level of design elegance, and the long list of new features and next-gen connectivity are more than you could ever expect.

New ClearScan 240™ – If you love watching Sports or Action Movies, ClearScan 240™ will put a smile on your face. Some flat panel TVs just can't keep up with the action. On the other hand, REGZA® LCD TV with ClearScan 240™ will make you feel like part of the action. ClearScan 240™ combines 120 frames per second with a new advanced Backlight Scanning System to create a 240 Hz Effect. New REGZA® LCD TV with ClearScan 240™ creates such a new level of picture clarity with motion video that you won't know whether to stay glued to your seat, or to jump from it.

New CrystalCoat™ – Extra room light can lower the contrast on some TVs, but with CrystalCoat™, you don't have to worry. CrystalCoat™ stops ambient room light reflections from washing out the picture, creating 30%+ better contrast in bright rooms[3]. Now you can enjoy the deep high contrast REGZA® picture in all room light conditions.

New Dolby® Volume – If you have ever been bothered by loud TV commercials or inconsistent volume when changing channels, Dolby® Volume technology is the solution. Advanced algorithms monitor the audio during programs, when commercials start, and when changing channels. Louder programming is brought down, while lower programming is brought up. This ensures a consistent volume level with full dynamic range at all times.

New USB Port and SD Card Slot – Thanks to our new USB Port, you can now watch your movies or videos, view your digital pictures, or even listen to your digital music, by just connecting a USB hard drive or flash drive to the USB Port on the TV. If your digital camera uses an SD memory card, you can even view your digital pictures by just taking the card from the camera and placing it in the TV's SD Card Slot. Enjoying your multi-media content has never been easier, or more fun.





[1]Effect of Resolution+™ enhancements may vary depending upon the input signal and content quality.
[2]Use of REGZA-LINK® which is a feature based on HDMI™-CEC requires an HDMI™-CEC compatible peripheral device. Depending on the specifications of your device, some or all REGZA-LINK® functions may not work even if your device is HDMI™-CEC compatible.
[3]"Bright rooms" are defined as rooms with light intensity measuring 200 or more lux.
[4]Viewing 24 frames per second requires content created in 480p / 24 frames/second.
[5]In some cases, the universal remote may not operate additional devices or certain features of such devices, in which case, it is suggested that you use the original remote control for the applicable device.
[6]If you decide to wall mount your Toshiba television, always use a UL Listed wall bracket appropriate for the size and weight of the television.

SERIES:	REGZA®
Cabinet	Full Deep Lagoon™ Design
Screen Size (measured diagonally)	47.0"

LCD PANEL:	
Resolution	1080p
Dynamic Backlight Control	DynaLight™
Response Time	CineSpeed™
CrystalCoat™ Contrast Enhancer	•

VIDEO:	
Digital Video Processor	PixelPure® 5G 14 Bit
Resolution+™	•
AutoView™	•
Video Scan Rate	ClearScan 240™
Cinema Mode 24fps[4]	5:5 Pull-Down
TheaterWide® Modes	•
Color Temperature Control	•
ColorMaster™ Wide Color Enhancer	•
Native Mode™	•
Deep Color	•

AUDIO:	
Speaker System	Invisible
Volume Limiter	Dolby® Volume
Sound Enhancement	Audyssey EQ™
Mute/Half Mute	•

CONVENIENCE:	
Built-in TV Tuning	NTSC/ATSC/QAM
Auto Aspect Control	•
Sleep Timer	•
REGZA-LINK® (HDMI™-CEC)[2]	•
Gaming Mode	•
Channel Browser™	•
Channel Labeling	•
Input Labeling	•
USB Port	MPEG-1, MPEG-2, DivX®, MP3, JPEG
SD Card Slot	JPEG
Discrete IR Codes	•
Expert Mode	•
Logo Light On/Off	•
ENERGY STAR® 3.0 Compliant	•

JACK PACK:	
HDMI™ v1.3 Digital Inputs with InstaPort™	4 (1 Side)
ColorStream® Component Video Inputs	2
Side A/V / Rear A/V / Rear S-Video	1 / 1 /1
High Res PC Input (S-XGA, 15 Pin, D-sub)	1
IR Pass-Through	•
Analog Audio Out	Fixed
Dolby® Digital Optical Out	•

REMOTE CONTROL:	
Type	4 Item Universal[5]

PRODUCT & PACKAGING:	
VESA® Mounting Pattern[6]	200 x 400
Unit Dimensions (with stand)(WHD) in.	46.30 x 31.18 x 12.95
Unit Dimensions (without stand)(WHD) in.	46.30 x 28.86 x 3.70
Carton Dimensions (WHD) in.	49.45 x 35.20 x 17.28
Unit Weight (with stand)	57.3 lbs
Carton Weight	71.6 lbs
UPC Code	022265002551

http://www.tacp.toshiba.com Customer Solutions: 800.631.3811